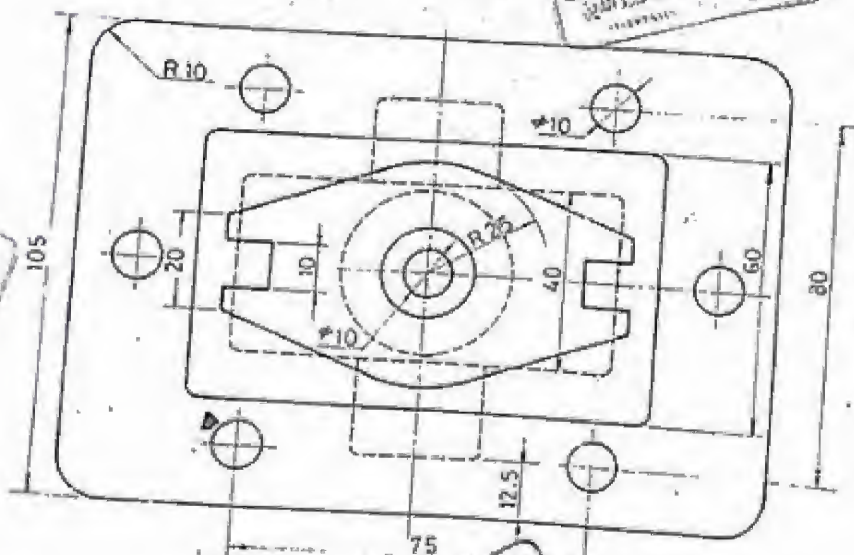
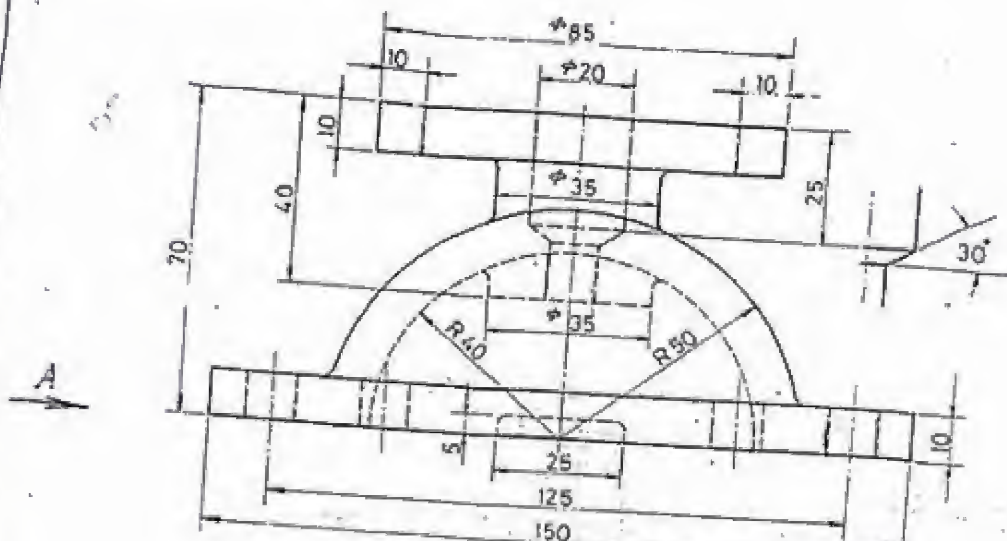


3. For the machine part shown, draw to scale 1:1 the followings:
- Sectional Front Elevation.
  - Complete Plan.
  - Side View in direction A .



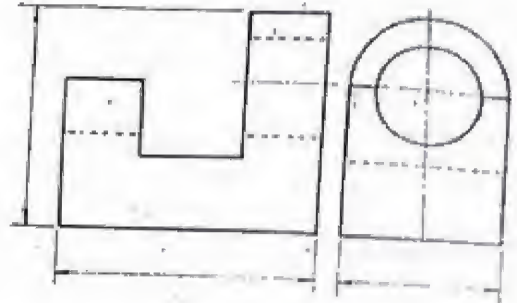
Engineering Drawing

**IMPORTANT:** All engineering drawing instructions should be considered, Lines, Dimensions, finishing, etc.

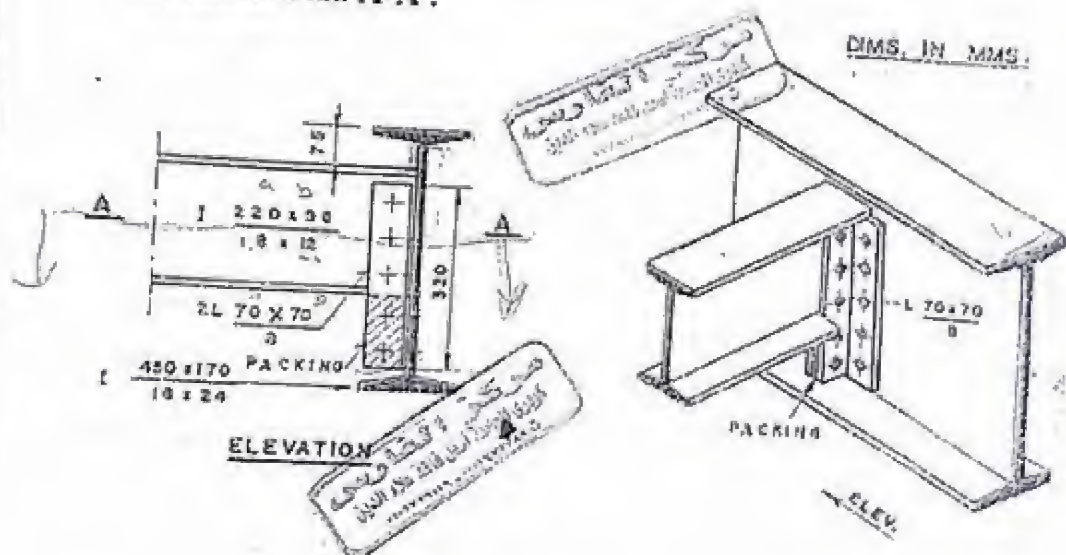
1. Given two projections of a model, draw to scale 1 : 1 an isometric view for this model.

(15 Marks)

scale 1 : 1



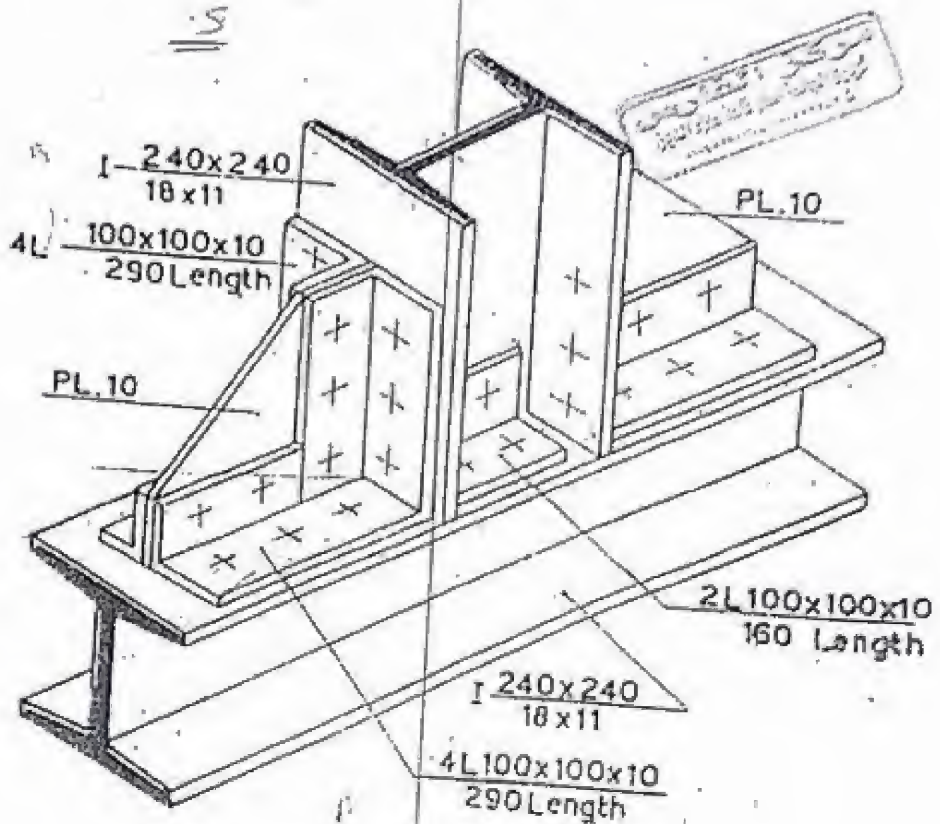
2. Given Front Elevation and Isometric view of a steel connection.  
Draw to scale 1:5 the followings:-
- Front Elevation.
  - Sectional Plan A-A.



(20 Marks)

3. Given Isometric view of a steel connection.  
Draw to scale 1:5 the followings:-

- Front Elevation.
- Plan.
- Side View.



STEEL CONNECTIONS





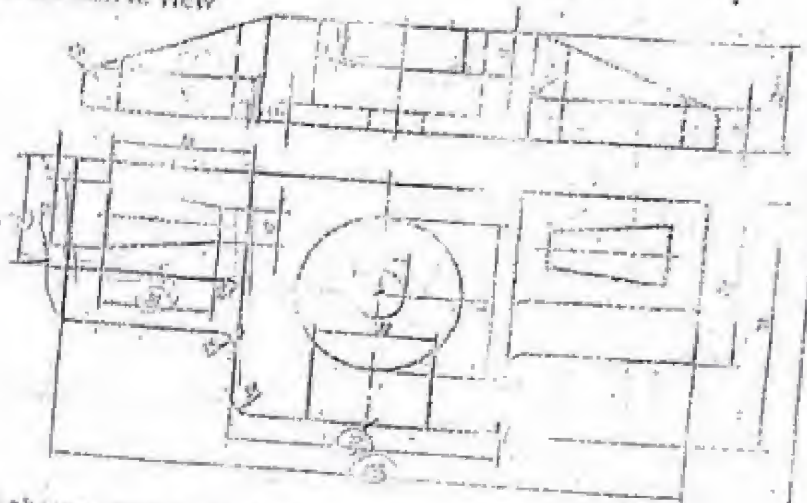
Engineering Drawing

IMPORTANT

All engineering drawing instructions should be carefully read.  
Lines, Dimensions, finishing, etc.

Attempt all questions and assume any missing dimensions.

1. In two projections of a model,  
draw to scale 1:1 an isometric view  
for this model.



2. For the machine part shown, draw to scale 1:1

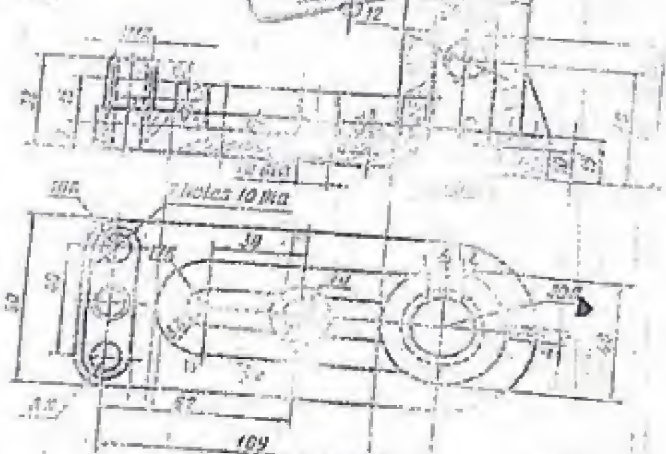
Sectional View & Elevation

in direction S.

View in direction S.

مركز التفاضل  
كلية الهندسة - جامعة القاهرة  
الهندسة المعمارية

مركز التفاضل  
كلية الهندسة - جامعة القاهرة  
الهندسة المعمارية



Clamp

Prof. Dr. El-Sayed El-Sayed

مركز التفاضل  
كلية الهندسة - جامعة القاهرة  
الهندسة المعمارية

6

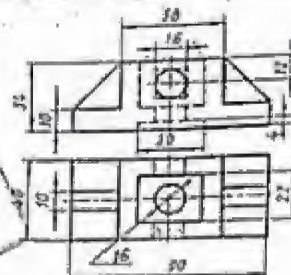




**IMPORTANT:** All engineering drawing instructions should be considered, Lines, Dimensions, finishing, etc.

1. Given two projections of a model, draw to scale 1 : 1 an isometric view for this model.

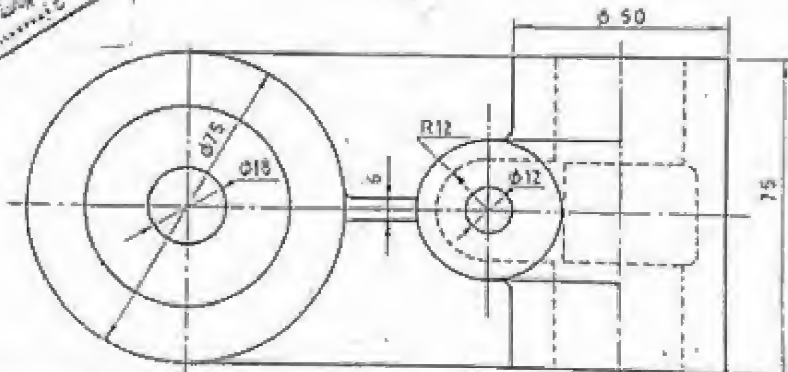
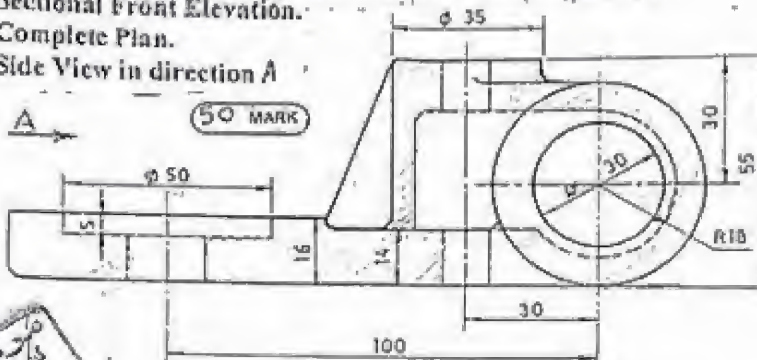
20 MARK



2. For the machine part shown, draw to scale 1:1 the followings:-

- Sectional Front Elevation.
- Complete Plan.
- Side View in direction A

50 MARK



1/2

تمت بحمد الله تعالى

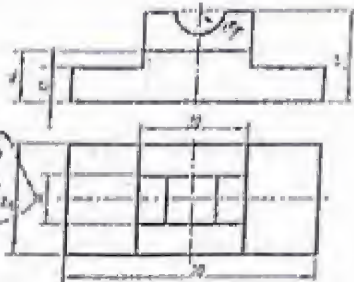
مركز الأبحاث  
مركز الأبحاث  
مركز الأبحاث



**IMPORTANT:** All engineering drawing instructions should be considered, Lines, Dimensions, finishing, etc.

1. Given two projections of a model, draw to scale 1 : 1 an isometric view for this model.

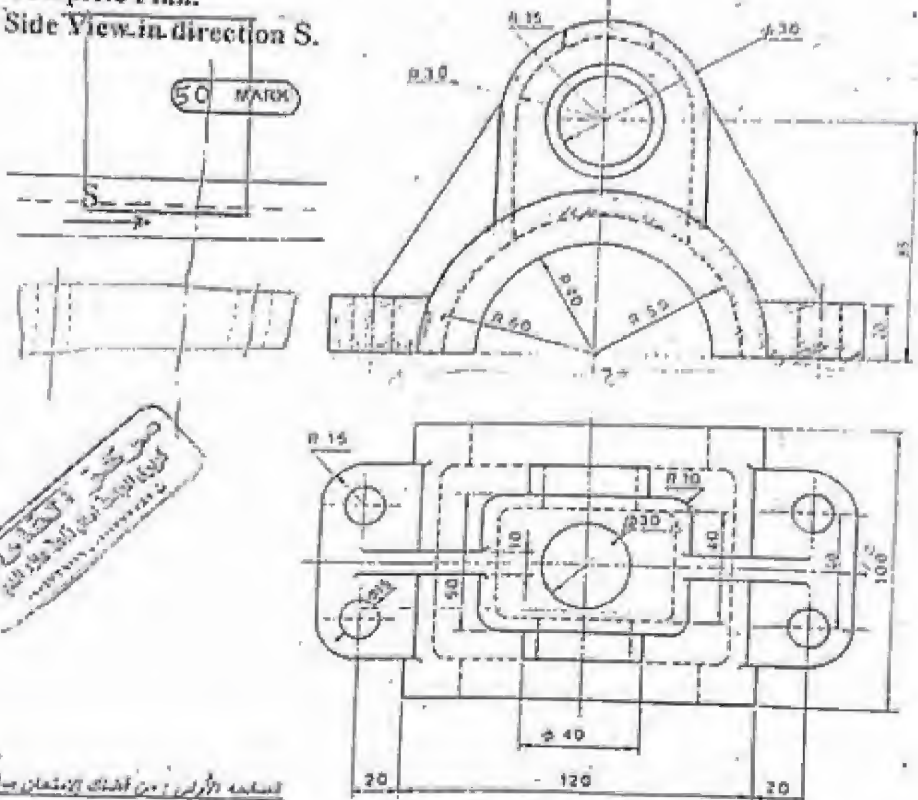
20 MARCH



2. For the machine part shown, draw to scale 1:1 the followings: -

- Sectional Front Elevation.
- Complete Plan.
- Side View in direction S.

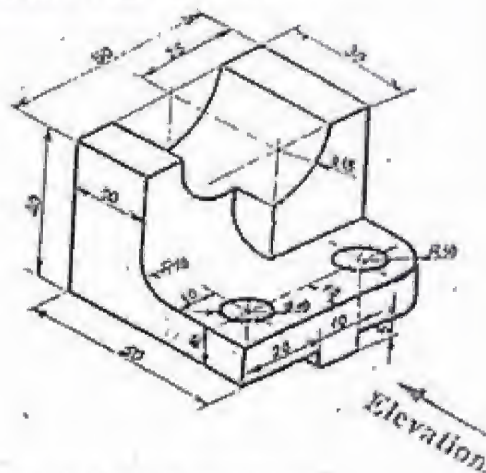
50 MATCH



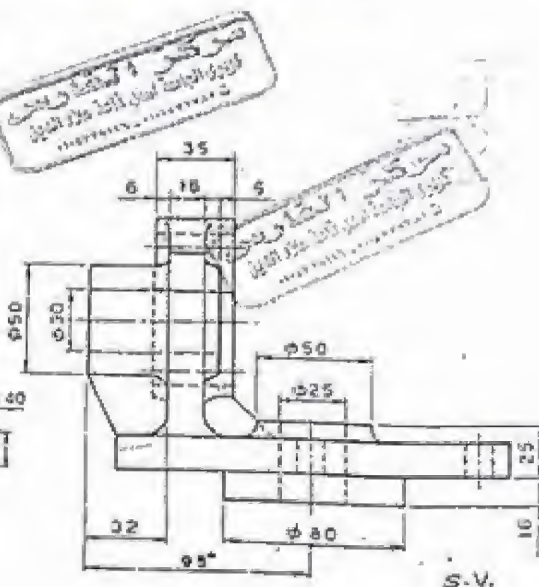
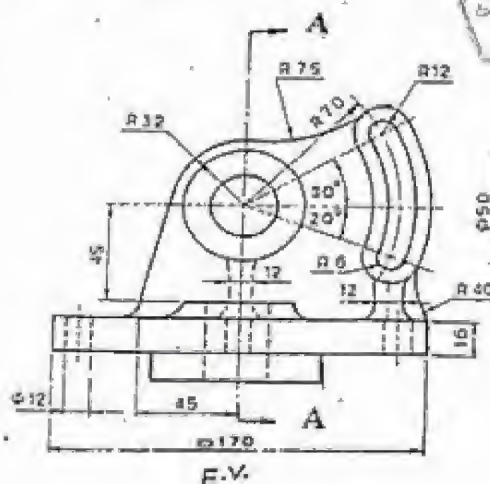


**IMPORTANT:** All engineering drawing instructions should be considered.  
Lines, Dimensions, finishing, etc.

1. For the isometric shown in figure, draw to scale 1:1 the followings:  
 1-Front view (Elevation).  
 2-Side view.  
 3-Plan.  
 -Draw all invisible lines.  
 -Put dimensions.
- 



2. For the machine part shown, draw to scale 1:1 the followings:
- Front Elevation.
  - Complete Plan.
  - Sectional Side View A-A.

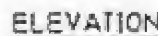




1- The Sectional Front Elevation at A-A.

**2- The Side view at S,**

3. The Sectional Plan at B-B. (50 marks)



DIMS. IN MMS.

## PLAN

2/2

# Final

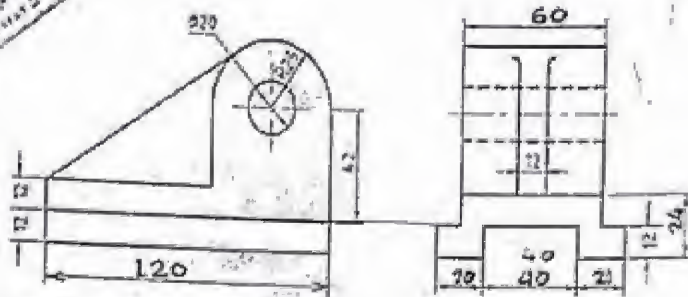
Course Name: Engineering Drawing  
Course Code: MDT001  
Level: Prep. Year  
Department: Mech. Design & Prod.  
Term No: 2



Faculty of Engineering

Final Exam  
Date: 6-2012  
Time: 2:40 Hours  
No. of pages: 2  
No. of Questions: 3

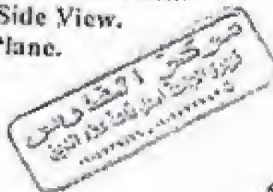
- 1- Given two projections of a model, draw to scale 1:1 an isometric view for this model.  
(25 marks)



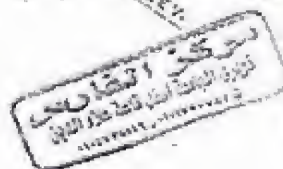
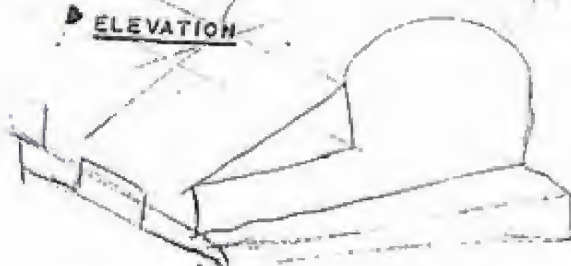
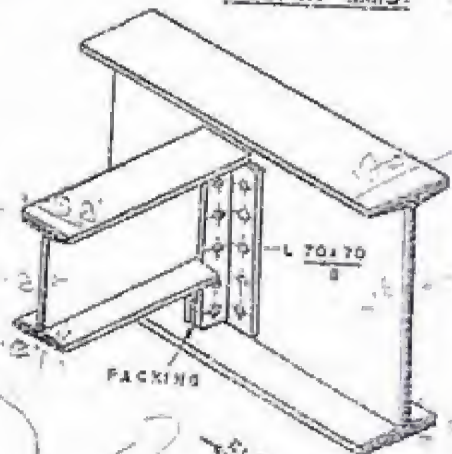
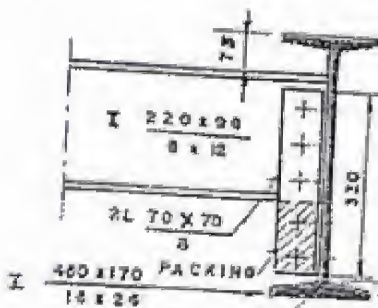
- 2- Given Front Elevation and Isometric view of a steel connection.  
Draw to scale 1:5 :

- 1- Front Elevation.  
2- Side View.  
3- Plan.

(25 marks)



DIMS: IN MMS.



1/2

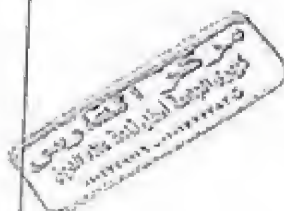
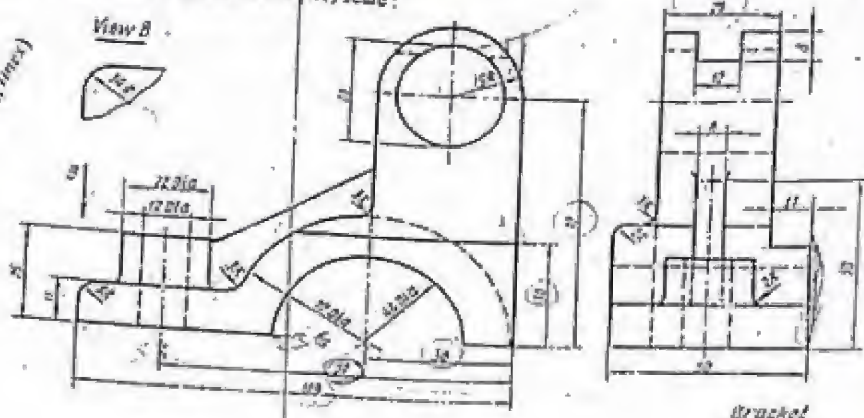


**Engineering Drawing**  
Preparatory Year (mid-term exam.)

Time Allowed: 50 minutes

Draw the isometric of the given component to a (1:1) scale:

(Do not remove the working lines)

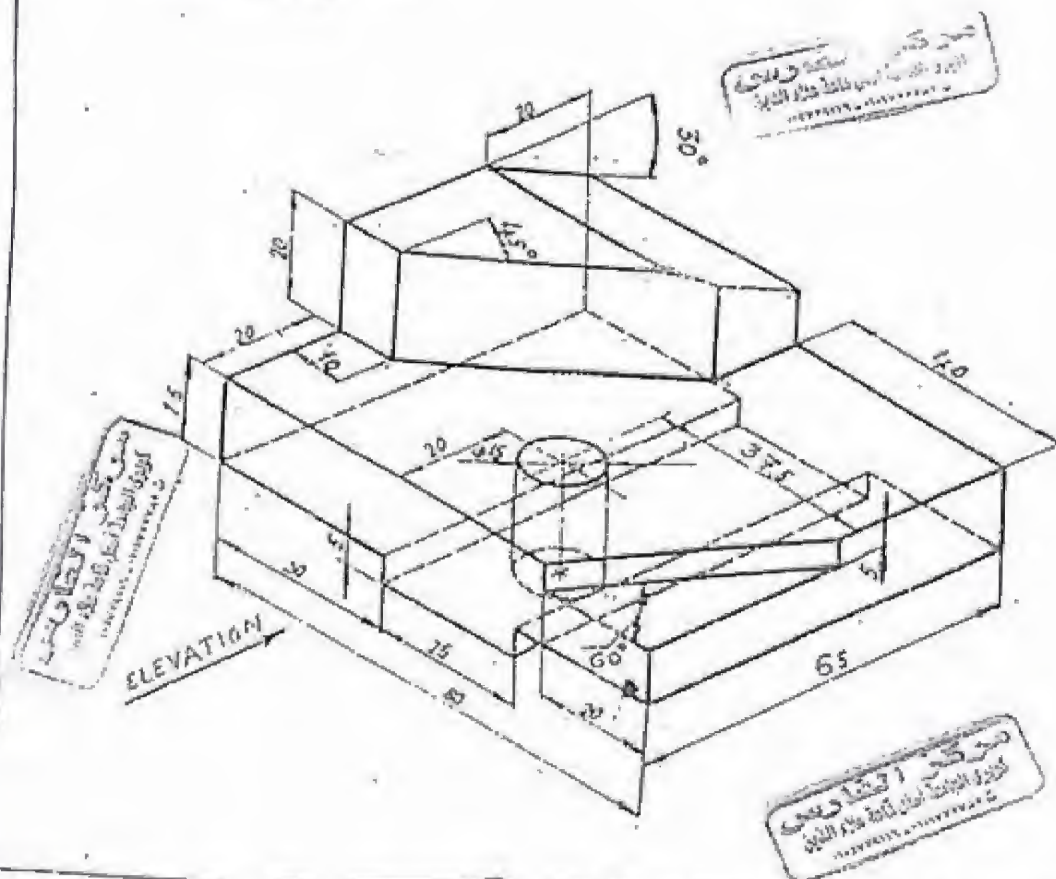


امتحان اعمال الفصل - رسم هندسي - لطلبة اعدادي - هندسة الميكانيك  
STUDENT MAY ASSUME ANY MISSING DIMENSIONS

Problem

For the isometric shown in figure , draw to scale 1:1 the followings;  
1-Front view (Elevation).  
2-Side view.  
3-Plan.

- Draw all invisible lines.
- Put dimensions.





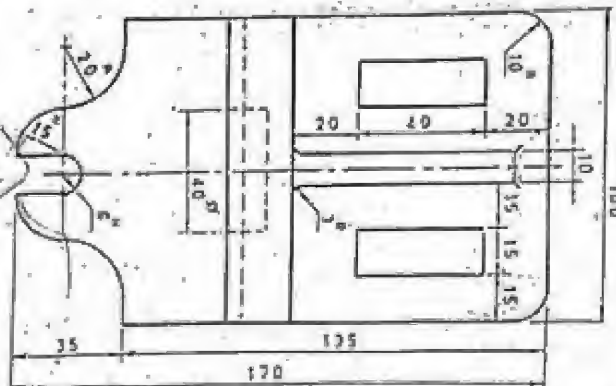
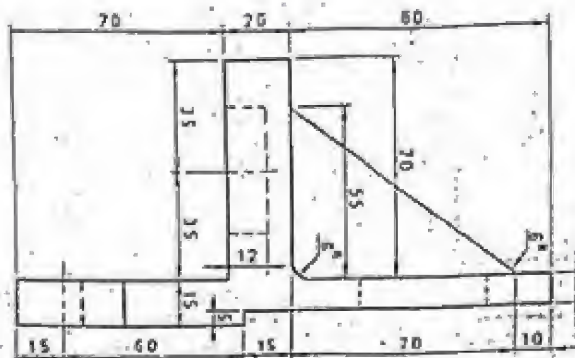
Course Name: Engineering Drawing  
 Course Code:  
 Level: Prep. Year  
 Department: Mech. Design & Prod.  
 Term No: 2



Faculty of Engineering

Mid-term Exam  
 Date: 11-4-2010  
 Time: 1 Hour  
 No. of pages:  
 No. of Questions: 1

1. Given two projections of a model [Front and plane], draw to scale 1:1 an isometric view for the model.



مركز الأبحاث والتطوير  
 مركز الأبحاث والتطوير  
 مركز الأبحاث والتطوير

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Prof. Dr. Emil Halim Gad

Best Wishes

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 مركز الأبحاث والتطوير  
 مركز الأبحاث والتطوير

2

STUDENT MAY ASSUME ANY MISSING DIMENSIONS

ISIR

Problem

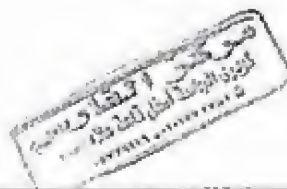
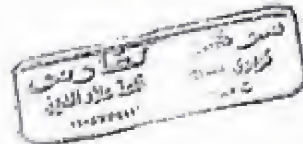
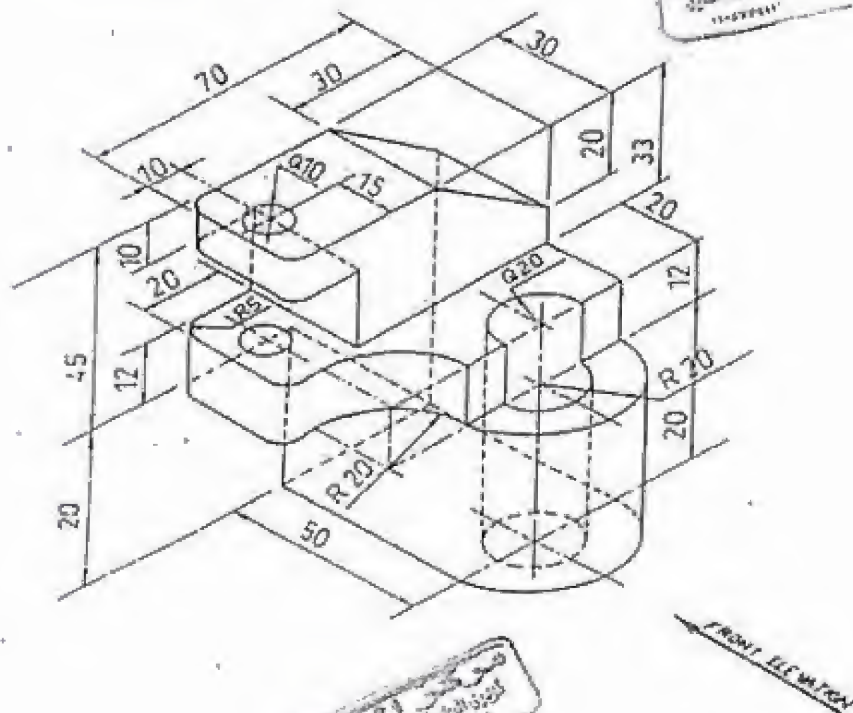
For the isometric shown in figure , draw to scale 1:1 the followings;

1-Front view (Elevation)

2-Side view

3-Plan

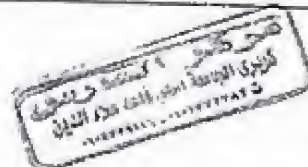
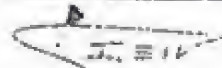
- Draw all invisible lines
- Put dimensions



FRONT ELEVATION

Prof. Dr. Emil Halim Gad

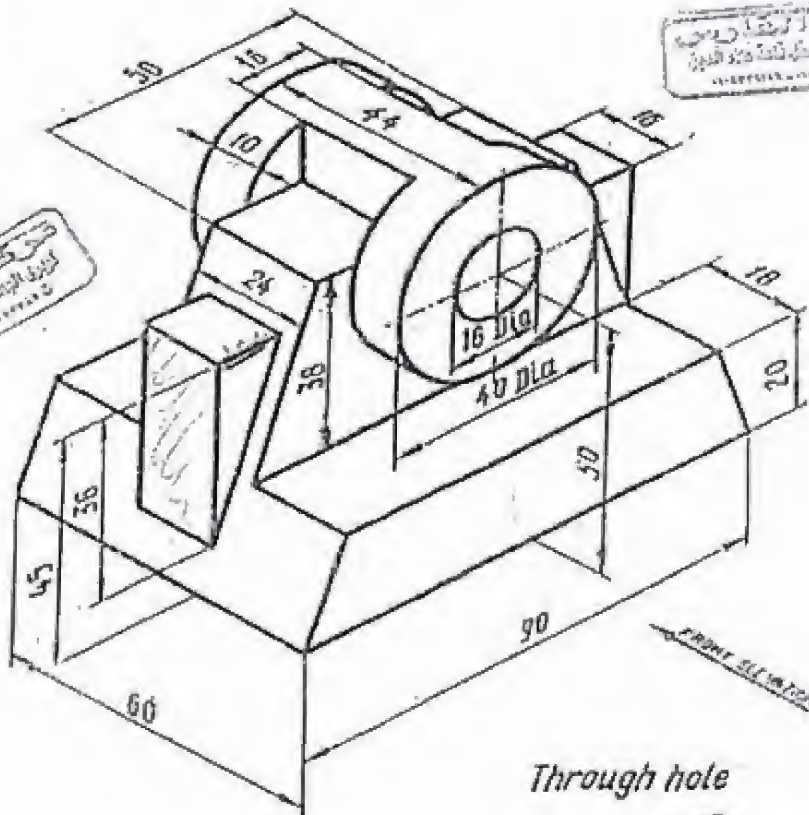
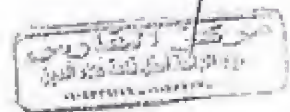
Best Wishes



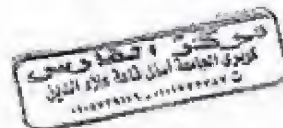


د  
ن و

Mid Term Exam  
Date: 4 - 2013  
Time: 45 minutes  
Term No: 2




Through hole



# mid term

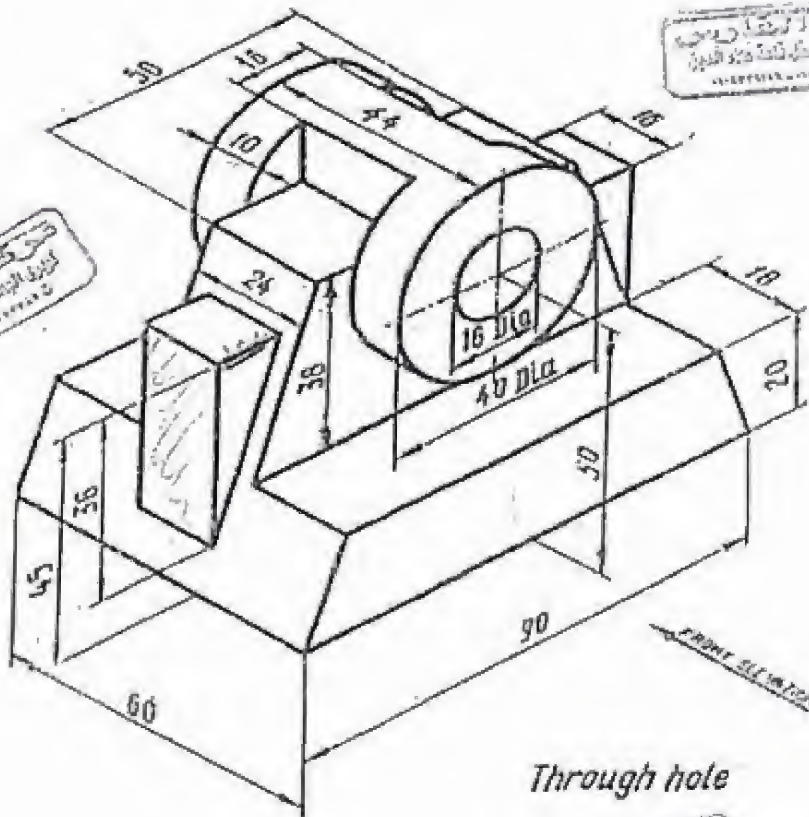
Course Name: Engineering Drawing  
Course Code: MDP001  
Level: Prep. Year  
Department: Mech. Design & Prod.

  
Faculty of Engineering

Mid Term Exam  
Date: 4 - 2013  
Time: 45 minutes  
Term No: 2

Draw with complete finishing: scale 1:1

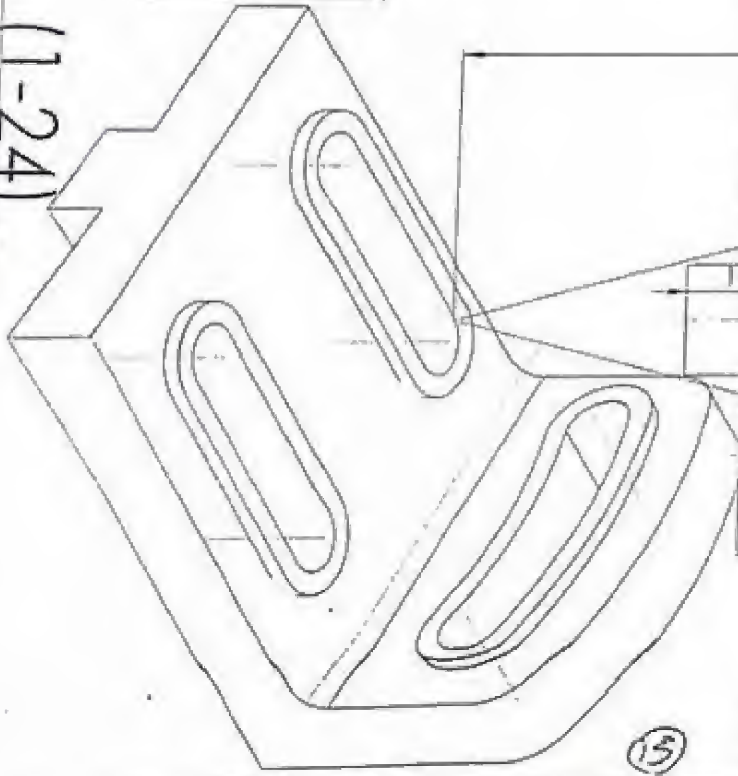
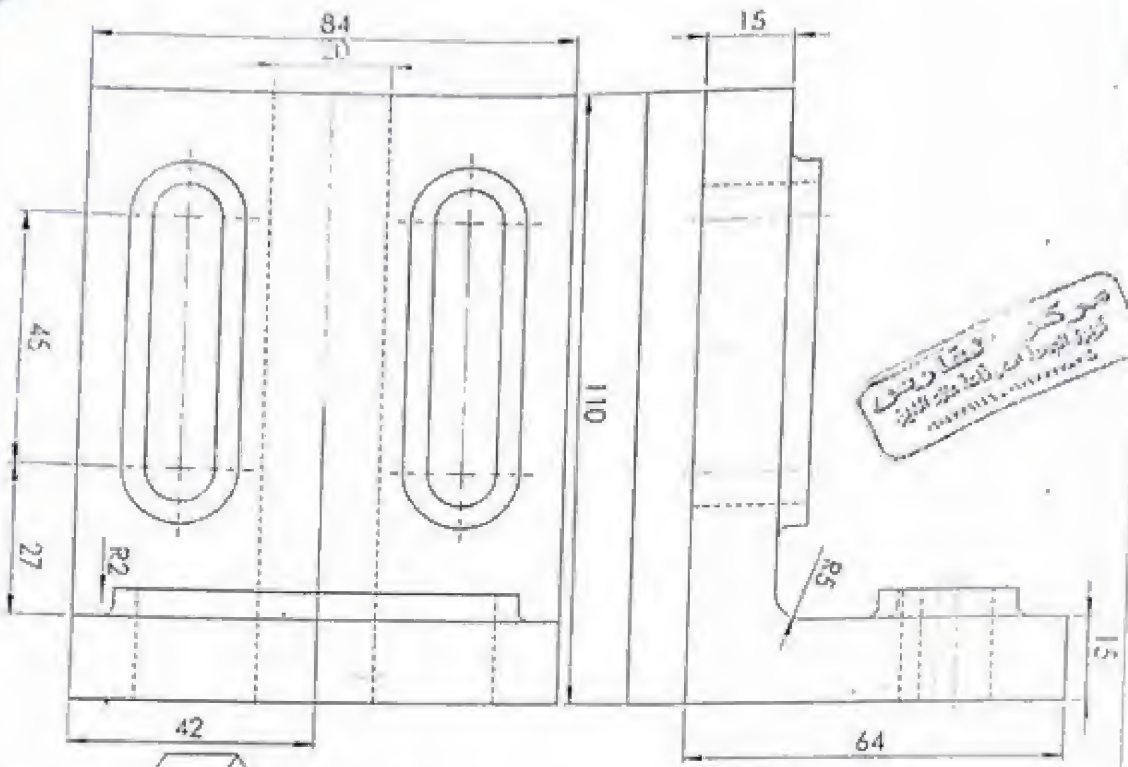
- 1- The Front view
- 2- The Side view
- 3- The Plan







مرکز فناوری اطلاعات  
کتابخانه ملی جمهوری اسلامی ایران  
کتابخانه ملی جمهوری اسلامی ایران

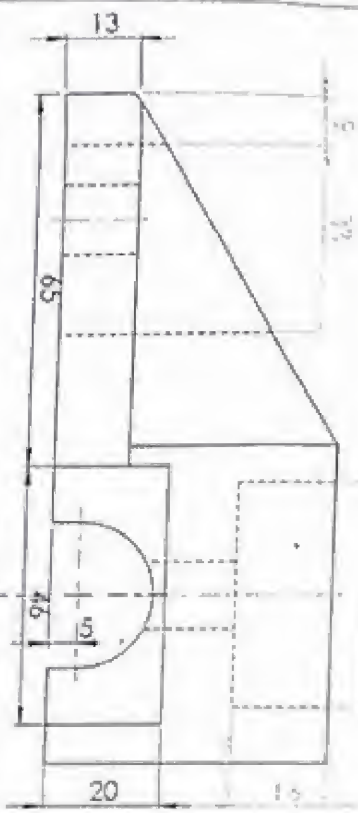
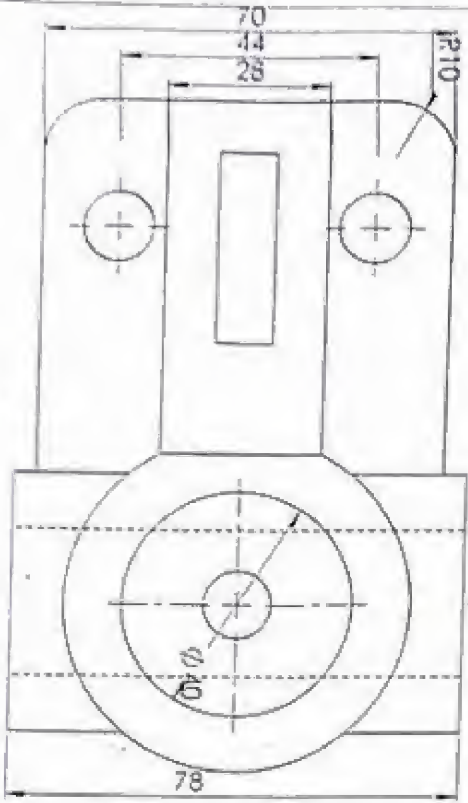


مرکز فناوری اطلاعات  
کتابخانه ملی جمهوری اسلامی ایران  
کتابخانه ملی جمهوری اسلامی ایران

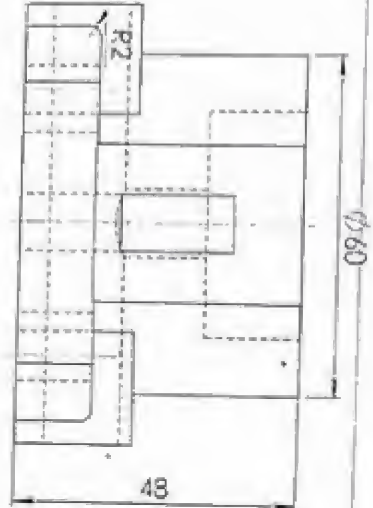
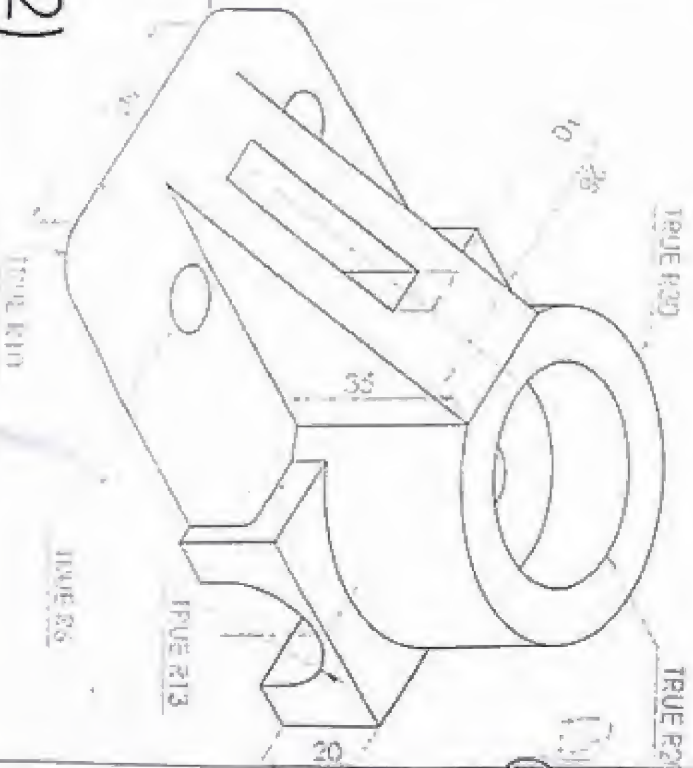
(15)

(1-24)

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كلية الهندسة  
جامعة القاهرة  
مركز  
كلية الهندسة  
جامعة القاهرة

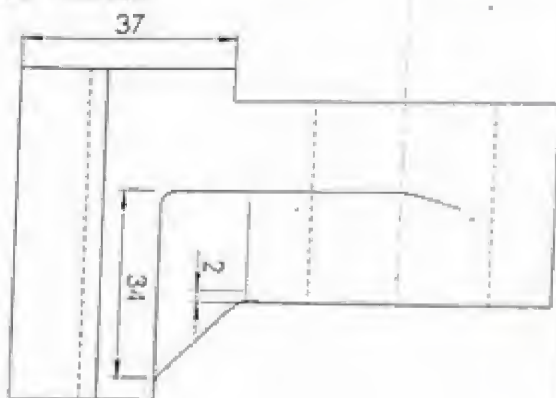
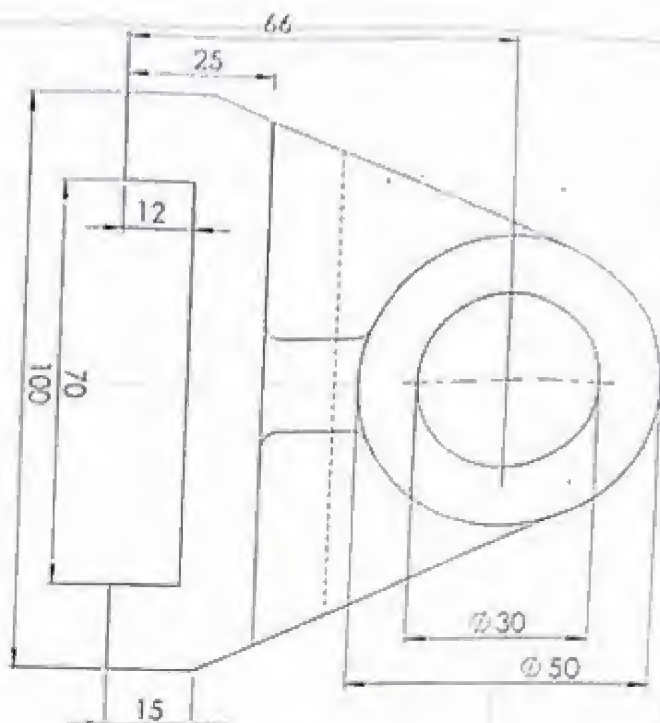


(1-22)

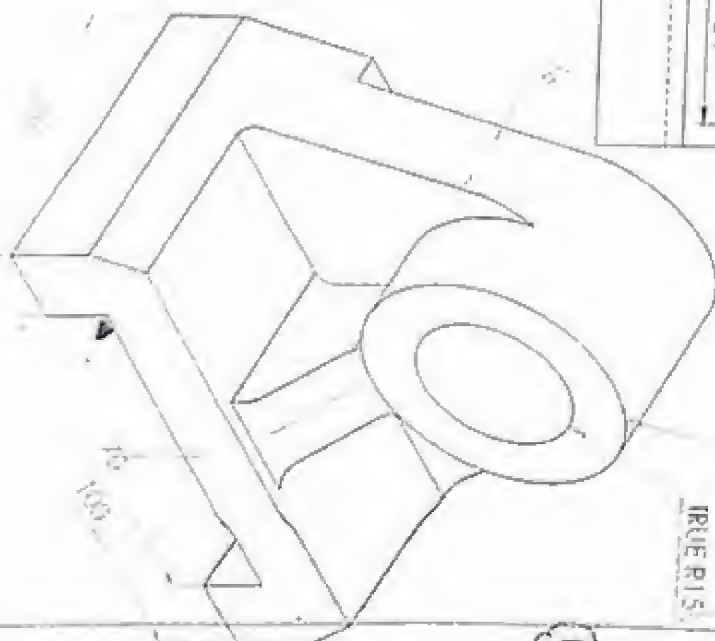


مركز  
كلية الهندسة  
جامعة القاهرة  
مركز  
كلية الهندسة  
جامعة القاهرة





مركز التقاسي  
مركز الجودة امل قاعة علاء الدين  
AL-QURBAN - HILKIRAT C



مركز التقاسي  
مركز الجودة امل قاعة علاء الدين  
AL-QURBAN - HILKIRAT C

TRUE R15

TRUE R25